

Sed

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 7/10/2014**

Instrument Serial Number: 010436

As of 10-Jul-14

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
03-Jul-14	18-Feb-14	SED (24178)	REPLACED KEYBOARD.
18-Feb-14	18-Feb-14	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
30-Jan-14	30-Jan-14	MMB (26417)	CERTIFIED.
05-Aug-13	05-Aug-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
28-Nov-12	28-Nov-12	TLN (25387)	CALIBRATED, ACCEPTED AND CERTIFIED.

Sed

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010436 Worksheet Start Date 7/3/2014
Location Cumberland CO SO
Address 1492 Anderson Hwy Cumberland VA 23040
DFS Technician Sarah Dersch License No. 24178
☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 751 Reference Barometer (mm HG) 749
Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.300		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.100		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Dry gas standard Lot No. (with tank no.) AG400202-42

- ☐ Replaced dry gas standard (+O-ring)
☐ Installed at Location
☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:

Notes:

Replaced keyboard.

Instrument Serial Number

010436

Certification Date

☐ Calibrated☐ Certified☐ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

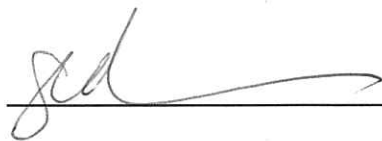
Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

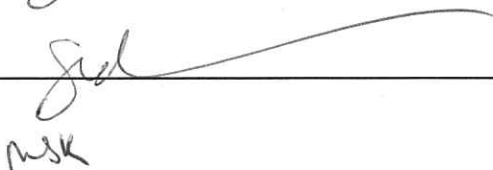
DFS Technician



Date

7/3/14

Issuing Analyst


msk

Date

7/3/14




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 07/03/2014
TEST EQUIPMENT NUMBER 010436		

RESULTS: TIME SAMPLE TAKEN ~~11:05~~ EDT _____

SAMPLE'S ALCOHOL CONTENT ~~0.00~~ _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE

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Department of Forensic Science
Breath Alcohol Section
Trouble Call Log
1/1/1990 To 7/3/2014

Instrument Serial Number: 010436

03-Jul-14

Date: 02-Jul-14 **Time:** 2:33 PM **Remote:** False **Tech:** SED (24178) **Location:** Cumberland County Sheriff's Office

Indication: KEYBOARD / CARD READER NOT RESPONDING

Problem: KEYBOARD NOT RESPONDING.

Technician Response: SITE VISIT CONDUCTED. ISSUE RESOLVED.

Resolution RETURNED TO SERVICE.
